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From: Abdul Zindani  
Texas Instruments Incorporated  
Facsimile: 972-917-4418  
Phone: 972-917-5137

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

David P. Magee	Docket No.: TI-32984
Serial No.: 10/082,826	Art Unit: 2631
Filed: October 19, 2001	Examiner: Khanh C. Tran
Customer No. 23494	Conf. No.: 1043
For: Systems and Methods for Improving FFT Signal-to-Noise Ratio by Identifying Stages Without Bit Growth	

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**FACSIMILE COVER SHEET**

<input checked="" type="checkbox"/> FACSIMILE COVER SHEET	<input checked="" type="checkbox"/> AMENDMENT <u>111</u> (11 Pages)
<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> EOT <u>        </u> (# Page)
<input type="checkbox"/> DECLARATION (# Pages)	<input type="checkbox"/> NOTICE OF APPEAL (# Pages)
<input type="checkbox"/> ASSIGNMENT (# Pages)	<input type="checkbox"/> APPEAL <u>        </u> (# Pages)
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<input type="checkbox"/> CONTINUATION APP'N (# Pages)	
<input type="checkbox"/> DIVISIONAL APP'N	
NAME OF INVENTOR(S): David P. Magee	
RECEIPT DATE & SERIAL NO.: Serial No.: 10/082,826 Filing Date: October 19, 2001	
TITLE OF INVENTION: Systems and Methods for Improving FFT Signal-to-Noise Ratio by Identifying Stages Without Bit Growth	
TI FILE NO.: <b>TI-32984</b>	DEPOSIT ACCT. NO.: <b>20-0668</b>
FAXED: 12/7/2005 DUE: 12/30/2005 ATTY/SEC'Y: AZ/ms	

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Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re the Application of:

	David P. Magee	Docket No.: TI-32984
Serial No:	10/082,826	Art Unit: 2631
Filed:	October 19, 2001	Examiner: Khanh C. Tran
Customer No.:	23494	Conf. No.: 1043
Title:	Systems and Methods for Improving FFT Signal-to-Noise Ratio by Identifying Stages Without Bit Growth	

AMENDMENT PURSUANT TO 37 CFR 1.111

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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<i>Marianna Smith</i> Marianna Smith	<i>12-7-05</i> Date

Dear Sir:

This amendment is in response to the Office Action dated September 30, 2005, having a statutory period for response set to expire on December 30, 2005.

Amendments to Claims begin on page 2.

Remarks/Arguments begin on page 9.

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